

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) Aqueous deodorizing composition for human and animal excrement, consisting essentially of

tap water;

an acid agent in an amount sufficient to neutralize ammonia and indolic amines in said excrement; and

at least 0.1% of at least one biologically degradable non-toxic and ecologically safe water soluble polymer,

said polymer being present in an amount sufficient for forming, upon drying, a thin film vapor barrier on the excrement;

wherein the water soluble polymer is a barrier forming agent for the vapor of offensive odor producing compounds in the excrement and

is selected from the group consisting of hydroxyethyl cellulose, polyethylene oxide, polyvinyl pyrrolidone, polyhydroxyethyl (meth)acrylate, polyvinyl alcohol, polyhydroxypropyl methacrylate, and poly(meth)acrylamide, and

~~wherein the water soluble polymer has a molecular weight which is sufficiently low so as to not prevent biological degradation of when formed as a film over said excrement will eventually biodegrade.~~

2. (Previously Presented) Deodorizing composition according to claim 1 in film form on animal excrement of a pet or livestock.

Claims 3-4 (Cancelled).

5. (Previously Presented) Deodorizing composition according to claim 1, wherein the acid agent comprises at least one biodegradable carboxylic acid, whereby said composition is biodegradable.

6. (Previously Presented) Deodorizing composition according to claim 5, wherein the biodegradable carboxylic acid is selected from the group consisting of citric acid, glycolic acid, oxalic acid and polyacrylic acid.

7. (Previously Presented) Deodorizing composition according to claim 1, wherein the concentration range of the acid is 1% - 10% w/v.

Claims 8-9 (Cancelled).

10. (Previously Presented) Deodorizing composition according to claim 1 wherein the concentration range of the water soluble polymer is 0.1% - 10% w/v.

11. (Previously Presented) Deodorizing composition according to claim 1 further comprising a fragrance.

12. (Previously Presented) Deodorizing composition according to claim 10 wherein the fragrance is Limonene.

13. (Previously Presented) Deodorizing composition according to claim 12, wherein the Limonene is in a concentration range of 0.01 - 0.005% w/v.

Claims 14-18 (Cancelled).

19. (Currently Amended) Deodorizing composition according to claim 1, wherein said biologically degradable and water soluble film forming polymer having a molecular weight sufficiently low so as not to prevent biological degradation of said excrement has a molecular weight higher than 15,000.

20. (Currently Amended) Aqueous film-forming deodorizing composition for human and animal excrement consisting essentially of:

tap water;

an acid agent in an amount sufficient to neutralize ammonia and indolic amines in said excrement; and

at least 0.1% and up to about 10% of at least one biologically degradable, non-toxic, ecologically safe and water soluble polymer for forming, upon drying, a thin film vapor barrier on the excrement,

wherein said water soluble film forming polymer is a polyacrylic acid and is capable of forming a barrier for the vapor of the offensive odor producing compounds in the excrement.

21. (Currently Amended) Aqueous deodorizing composition for human and animal excrement comprising:

tap water;

an acid agent in an amount sufficient to neutralize ammonia and indolic amines in said excrement; and

at least 0.1% and up to about 10% of at least one biologically degradable non-toxic and ecologically safe water soluble polymer capable of forming, upon drying, a thin film vapor barrier on the excrement, for turning the excrement into a solid cake, and thereby comprising means for greatly reducing the vapor pressure of offensive odor producing compounds and facilitating easy handling of said deodorized excrement;

wherein the biologically degradable and water soluble polymer is a low molecular weight polymer selected from the group consisting of hydroxyethyl cellulose, polyethylene oxide, polyvinyl pyrrolidone, polyhydroxyethyl (meth)acrylate, polyvinyl alcohol, and polyhydroxypropyl methacrylate.

22. (Previously Presented) Deodorizing composition according to claim 1, wherein the water soluble polymer is selected from the group consisting of hydroxyethyl cellulose, polyethylene oxide, polyvinyl pyrrolidone, polyhydroxyethyl (meth)acrylate, polyvinyl alcohol, and polyhydroxypropyl methacrylate.

23. (Currently Amended) Aqueous deodorizing composition for human and animal excrement consisting essentially of:

tap water;

an acid agent in an amount sufficient to neutralize ammonia and indolic amines in said excrement and reduce excrement pH to 4.6 or less; and

at least 0.1% up to about 10% of at least one biologically degradable, non-toxic and ecologically safe, water soluble polymer for forming, upon drying, a thin film vapor barrier on the excrement;

wherein the acid agent includes a biodegradable carboxylic acid; and

wherein the biologically degradable and water soluble polymer is a ~~low molecular weight~~ polymer selected from the group consisting of hydroxyethyl cellulose, polyethylene oxide, polyvinyl pyrrolidone, polyhydroxyethyl (meth)acrylate, polyvinyl alcohol, and polyhydroxypropyl methacrylate.

Claim 24 (Cancelled).

25. (Previously Presented) Deodorizing composition according to claim 19, wherein said water soluble film forming polymer has a molecular weight of about 16,000.

Claim 26-27 (Cancelled).

28. (Previously Presented) Deodorizing composition according to claim 21, further comprising Limonene.

29. (Previously Presented) Deodorizing composition according to claim 1 wherein said polymer comprises polyvinyl alcohol or polyvinyl pyrrolidone, and  
said polymer is present in an amount of at least 1.5%.

30. (Previously Presented) The aqueous deodorizing composition of claim 29, wherein said acid is citric acid.

31. (Previously Presented) The deodorizing composition of claim 1 wherein the polymer is present in an amount of at least 2.5%

32. (New) The aqueous deodorizing composition of claim 21 wherein the biologically degradable and water soluble polymer has a molecular weight of about 16,000.

33. (New) The aqueous deodorizing composition of claim 23 wherein the biologically degradable and water soluble polymer has a molecular weight of about 16,000.